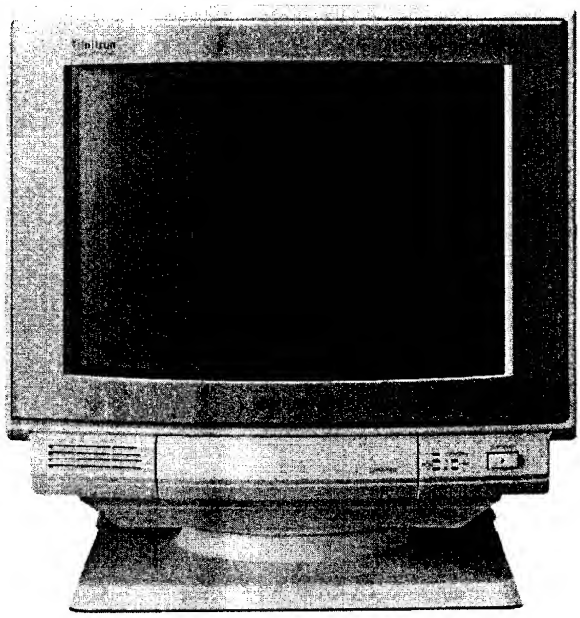

13″ GVM-1311Q

(NTSC/PAL/SECAM/NTSC$_{4.43}$)

■ Multiple input facility with audio ■ Multiscan capability; horizontal 15 kHz–36 kHz, vertical 50 Hz–100 Hz ■A high resolution of 600 TV lines/1024 x 768 pixels ■Can be used with IBM PC with CGA/EGA card, IBM PS/2, and Apple Macintosh II color mode ■8/16/64-color and monochrome display capability ■VGA Audiosize function in RGB A mode ■Horizontal and vertical size/shift controls in RGB mode ■Slot type RGB input for future I/F board ■Sub picture control for RGB mode ■Built-in speaker and earphone jacks for audio monitoring ■Minimizes VLF (Very Low Frequency)/ELF (Extreme Low Frequency) interference

Optional Accessories:
RM-787 Wired Remote Control Unit
SU-552 Tilt Swivel Stand

Specifications for Color Video Monitors

SPECIFICATIONS / MODEL				GVM-1311Q	GVM-1316TSQ	GVM-2020
Video signals				EIA 525 lines, 60 fields/CCIR 625 lines, 50 fields (switching of EIA to CCIR or vice versa is automatically done)		EIA 525 lines, 60 fields
Color system				NTSC/PAL/SECAM/NTSC$_{4.43}$*3 (automatically selected)		NTSC
Picture tube				14" Super Fine Pitch Trinitron CRT, visible picture size 13" measured diagonally, AG pitch 0.25mm		54.5cm (21"), Fine Pitch Trinitron tube, visible picture size 50.6cm (20") measured diagonally, 100° deflection
Horizontal resolution				600 TV lines (Video inputs) 1024 x 768 pixels (RGB inputs)		560 TV lines (Video inputs) 720 x 480 pixels (RGB inputs)
Scanning frequency				Horizontal: 15 kHz to 36 kHz Vertical: 50 Hz to 100 Hz		
Audio power output				0.5W, 8Ω, monaural		2.0W with built-in speaker
Power requirements				AC-120, 50/60 Hz		
Power consumption				95W	103W	160W
Dimensions (WHD)				379 x 365 x 411mm (15" x 14⅜" x 16¼")	379 x 365 x 421mm (15" x 14¾" x 16⅝")	510 x 475 x 510mm (20⅛" x 18¾" x 20⅛")
Weight				Approx. 37 lb. 8 oz. (17 kg.)	Approx. 40 lb. 13 oz. (18.5 kg.)	Approx. 66 lb. 2 oz. (30.0 kg.)
VIDEO	IN	LINE A	BNC	Composite 1.0Vp-p, sync negative, Automatic 75Ω termination*2	—	Composite 1.0Vp-p, sync negative, Automatic 75Ω termination*2
		LINE B*1	Mini DIN 4-pin	Y/C: Y (Luminance signal): 1.0Vp-p, sync negative, 75Ω switchable C (Chrominance signal): NTSC; 0.286Vp-p, 75Ω, switchable PAL; 0.3Vp-p, 75Ω, switchable		Y/C: Y (Luminance signal): 1.0Vp-p, sync negative, 75Ω switchable C (Chrominance signal: NTSC: 0.286Vp-p, 75Ω switchable
			BNC	—	—	Composite 1.0Vp-p, sync negative, Automatic 75Ω termination*2
	OUT	LINE A	BNC	Loop-through		
		LINE B	Mini DIN 4-pin	Loop-through		
			BNC	—		Loop-through
RGB	IN	RGB A	9-pin D	Analog RGB: 0.7Vp-p, positive, 75Ω Digital RGB: TTL level, positive Sync: Analog level: 1.0Vp-p, negative, 75Ω Sync on Green: 0.3Vp-p, negative, 75Ω TTL level: negative/positive		Analog RGB: 0.7Vp-p, positive, 75Ω Digital RGB: TTL, positive Sync: Composite sync; 1.0Vp-p, negative, 75Ω H/V separate sync; TTL, negative/positive
		RGB B	25-pin D	Analog RGB: 0.7Vp-p, positive, 75Ω Digital RGB: TTL level, positive Sync: Analog level: 1.0Vp-p, negative, 75Ω Sync on Green; 0.3Vp-p, negative, 75Ω TTL level: negative/positive		—
			BNC	—	—	RGB: 0.7Vp-p, positive, 75Ω Sync: Composite sync; 1.0Vp-p, negative, 75Ω H/V separate sync; TTL, negative/positive Sync on Green: 0.3Vp-p, negative, 75Ω
AUDIO	IN	LINE A	Phono	−5 dBs, high impedance		
		LINE B	Phono	−5 dBs, high impedance		
		RGB A	Phono	−5 dBs, high impedance		
		RGB B	Phono	−5 dBs, impedance >47 kΩ		−5 dBs, high impedance
	OUT	LINE A	Phono	Loop-through		
		LINE B	Phono	Loop-through		
				Touch screen for GVM-1316TSQ		
External computer interface				RS232C port, D-sub 25-pin Baud rate: 9600 bps, Communication Protocol: Binary		
Material				Glass (non-glare), 3.2mm thick		

*1The Y/C input has priority over the composite input.
*275Ω termination is automatically set to OFF when connection is made to the OUT connector.
*3The NTSC$_{4.43}$ system refers to an NTSC color system in which the subcarrier frequency is modified to 4.43 MHz.

C